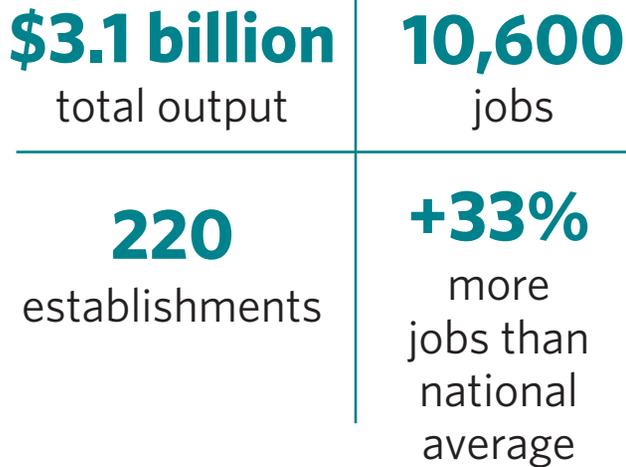


Medical Devices

This cluster manufactures surgical, medical, dental, optical, ophthalmic, and veterinary instruments and supplies. The technical report, *Metropolitan Chicago's traded industry clusters*, offers extensive data on the characteristics and performance of the Chicago region's core industrial assets since 2001, available for download at <https://cmap.is/Traded-Clusters>.

In the Chicago region in 2017, this cluster consisted of



Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Workers in this cluster tend to be **as** racially diverse than the regional labor force.

- 41%** non-white
- 40%** female
- 38%** over age 50

4% commute by transit

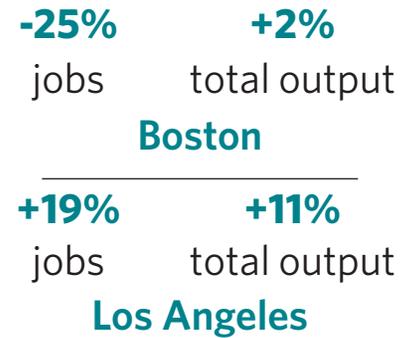


Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey data.

Largest occupations

- Assemblers
- Dental Lab Technicians
- Inspectors and Testers
- Machinists
- Ophthalmic Lab Technicians

In recent years, the cluster's competitive position **strengthened** as it became **more specialized** in the national context.



Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).
Note: Job change is from 2001-17, and total output change is from 2007-17.

Middle-skill workers have **greater** opportunity than the regional average.



57%
of workers have an associate's degree or higher



55%
of jobs typically require at least 2 months of on-the-job training

Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey and Economic Modeling Specialists International data (Emsi 2018.4).

In 2016, this cluster generated approximately

\$73.5 billion

in freight shipments that originate, terminate, or circulate regionally.

Freight mode share, by value



Freight trade geography, by value



28%

Chicago region



29%

Midwest



34%

Rest of U.S.



9%

Global

Source: CMAP analysis of Freight Analysis Framework data (FAF 4.4.1).
Note: Data includes only the Illinois portion of the U.S. Census Bureau combined statistical area. Freight data is not provided for service clusters.